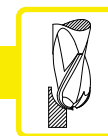
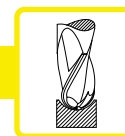


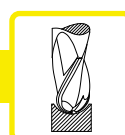


### Skärdata för MBTF62

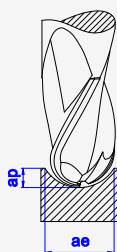


Materialgrupp	Material nr	Brottgräns N/mm <sup>2</sup>	Svensk Standard	Skärh. Vc Spår	Skärh. Vc Vals/dynamisk
Olegerat stål	1,1	< 500 N/mm <sup>2</sup>	1311,1312,1350,1914,1922,1926,2101	320-600	270-320
	1,2	< 700 N/mm <sup>2</sup>	1432,1550,2132,2134,2216-04	280-580	260-310
Legerat stål	1,3	< 800 N/mm <sup>2</sup>	2172,2225,1650,2173,2511-00,2512-02, 2244	250-470	260-310
	1,4	< 1100 N/mm <sup>2</sup>	1672-03,2140-02,2245-02,2258-02, HARDOX 400,TOLLOX 33,VANADIS 30, 2541-03	240-410	210-260
	1,5	< 1400 N/mm <sup>2</sup>	2225-05, HARDOX 450, TOOLOX 44	190-300	150-190
Härdat Stål (Spår=Reducera ap50%) (Vals/dyn.=Reducera ae50%)	1,6	< 55HRC		120-200	90-140
	1,7	< 60HRC		80-140	50-90
Rostfritt Stål (Spår=Reducera ap15%)	2,1		2303,2304,2325	150-300	100-175
	2,2		2301,2302,2322,2330,2332,2340	130-270	90-160
	2,3		2320,2333,2337,2338,2343,2347,2348, 2350,2377,SAF2205	95-200	80-150
Gjutjärn	3,1	< 190 HB	0717,0110-00,0115-00	320-600	190-250
	3,2	< 320 HB	0120-00,0125-00,0727,0727-02	220-385	150-220
	3,3		0135-00,0457-00,0737-01	190-350	110-175
Titan och titanlegeringar (Spår=Reducera ap25%) (Vals/dyn.=Reducera ae50%)	6,1	< 850 N/mm <sup>2</sup>	Ti1,Ti2,Ti3,Ti4	60-190	85-120
	6,2	< 1200 N/mm <sup>2</sup>		19-50	35-55
Ni- och Co legeringar (Spår=Reducera ap40%) (Vals/dyn.=Reducera ae80%)	7,1	< 900 N/mm <sup>2</sup>	Monel 400, Inconel 600, Hastelloy	25-35	40-58
	7,2	< 1300 N/mm <sup>2</sup>	Inconel 718, Nimonic	18-25	20-40

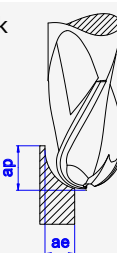
### Matning fz



Spår



Vals/dynamisk



Dia.	Spår ap=0,05-0,1xD ae=0,05-0,1xD	Vals/dynamisk ap=2,5xD ae=0,1-0,15xD
2	0,056	0,011-0,025
3	0,07	0,018-0,038
4	0,08	0,027-0,050
6	0,99	0,045-0,075
8	0,115	0,062-0,100
10	0,128	0,080-0,125
12	0,14	0,092-0,150